

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Daniel Altman on November 19, 2009.

The application has been amended as follows:

Claim 1:

An injection apparatus, comprising:

a cylinder holder that comprises a flange insertion groove having a first surface and a second surface; and

a syringe barrel, comprising a flange adapted to be held by said flange insertion groove so as to fix the syringe barrel, said flange having a front surface and a rear surface,

wherein said first surface of the flange insertion groove contacts the front surface of the flange and the second surface of the flange insertion groove contacts the rear surface of the flange, wherein at least one of the front surface, the rear surface of the flange, the first surface of the flange insertion groove, and the second surface of the flange insertion groove has a random roughness pattern, and wherein the cross section of the roughened surface has a roughness equivalent to that of about No. ~~20~~ 100 to 300 ~~1500~~ as expressed in terms of count of sand paper.

Reasons for Allowance

2. The examiner has withdrawn the finality of the previous Office action due to the examiner's amendment which overcomes the previous rejections and the prior art of record.

3. The following is an examiner's statement of reasons for allowance:

The subject matter of the independent claim could either not be found or was not suggested in the prior art of record. The subject matter not found was an injection device that has a cylinder holder with a flange insertion groove, and a syringe barrel that has a flange that is randomly roughened and has a roughness that is equivalent to that of about 100 to 300 in terms of counts of sand paper. This roughness has been shown to create a stronger flange as described in the specification (on page 28) and appeal brief (dated 09/30/09).

The independent claims also include other patentable subject matter in combination with the other elements or steps of the claim not mention in the above paragraph.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MATTHEW F. DESANTO whose telephone number is (571)272-4957. The examiner can normally be reached on Monday-Friday 9:30-6:00.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick LUCCHESI can be reached on (571) 272-4977. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Matthew DeSanto
/Matthew F DeSanto/
Primary Examiner, Art Unit 3763